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I THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Confirmation No.

Michitaka SATO et al.

Attorney Docket No. 2006_1414A

Serial No. 10/590,707

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Filed August 25, 2006

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT

ACCOUNT NO. 23-0975

PYRIMIDINE DERIVATIVES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

	[]	each U.S. Patent and U.S. Patent application publication;							
	D	each reference previously cited in the international application PCT/; and/or							
	0	each reference previously cited in prior parent application Serial No.							
la.	[X] This Information Disclosure Statement is submitted: within three months of the filing date (or of entry into the National Stage) of the above entitled application, or								
	before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,								

and thus no certification and/or fee is required.

1b.	Π	This In	formation	Disclo	osure S	Statement	is s	submitted
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after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) [] the certification of paragraph 2 below is provided, or
- (2) [] the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. [] This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. [] that each item of information contained in this Information Disclosure

 Statement was first cited in any communication from a foreign patent office in a

 counterpart foreign application not more than three months prior to the filing of
 the Statement, or
- b. [] that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.
- 3. [] Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

For each non-English language reference listed on the attached form PTO-1449, reference 4. is made to: a. [] a full or partial English language translation submitted herewith, a foreign patent office search report (in the English language) submitted b. [] herewith. the concise explanation contained in the specification of the present application c. [] at page, the concise explanation set forth in the attached English language abstract, d. [] the concise explanation set forth below or on a separate sheet attached to the e. [] reference: 5. [X] A foreign patent office search report citing one or more of the references is enclosed. 6. Statement Under 37 CFR 1.704(d) Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. 7. With respect to the references cited in the specification of this application at pages 1 and 2, enclosed are copies of the following references: D1 WO 99/17755 D2 J. Med. Chem., 40, 574-585 (1997) D3Eur. J. Med. Chem., 35, 677-689 (2000) D4 Bioorg. Med. Chem. Lett., 13, 3177-3180 (2003) 8. Enclosed are the following references cited in the International Search Report: D5 WO 02/48117 A1

- D6 MERINO Isidro, Synthesis and anti-HIV-1 activities of new pyrimido [5,4-b]indoles, Il Farmaco, 1999, Vol 54, No. 4, pages 255 to 264, Table 1
- D7 WO 02/30406 A2
- D8 JP 2001-518495 A (Japanese language publication)

Note: This document corresponds to WO 99/17755 which is cited in the specification of this application (see D1 reference above).

D9 ABE Michikazu, Reduction of Wrap Restraint Stress-Induced Defecation by MKC-242, a Novel Benzodioxan Derivative, via 5-HT _{1A}-Receptor Agonist Action in Rats, Jpn. J. Pharmacol., 1998, Vol. 77, pages 211 to 217

Respectfully submitted,

Michitaka SATO et al.

Ву_

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Registration No. 25,154 Attorney for Applicants

MJ/jjv Washington, D.C. 20006-1021 Telephone (202) 721-8200 Facsimile (202) 721-8250 November 14, 2006

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Sheet 1 of 1 INFORMATION DISCLOSURE STATEMENT ATTY DOCKET NO. SERIAL NO.											
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE				2006_14		10/590,707 (NOV 1 4 2006 W					
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)				APPLICANT Michitaka SATO et al.							
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	AB	99/17755	4/1999		GB						
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	AD	02/30406	4/2002		IE					-	
	AE	2001-518495	10/2001		JP					Corresp. to AB	
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	AF	MODICA Marie et al., "[[(Arylpiperazinyl)alkyl]thio]thieno[2,3-d]pyrimidinone Derivatives as High-Affinity, Selective 5-HT _{1A} Receptor Ligands", J. Med. Chem. 1997 , <i>40</i> , 574-585									
·	AG	MODICA Maria et al., "High affinity and selectivity of [[(arylpiperazinyl)alkyl]thio]thieno[2,3-d]pyrimidinone derivatives for the 5-HT _{1A} receptor. Synthesis and structure-affinity relationships", Eur. J. Med. Chem. 35 (2000) 677-689									
	АН	LÓPEZ-RODRÍGUEZ Maria L. et al., "Design and Synthesis of New Benzimidazole-Arylpiperazine Derivatives Acting as Mixed 5-HT _{1A} /5-HT ₃ Ligands", Bioorganic & Medicinal Chemistry Letters 13 (2003) 3177-3180									
	Al	ABE Michikazu et al., "Reduction of Wrap Restraint Stress-Induced Defecation by MKC-242, a Novel Benzodioxan Derivative, via 5-HT _{1A} -Receptor Agonist Action in Rats", Jpn. J. Pharmacol. 77, 211-217 (1998)									
	AJ	MERINO Isidro, "Synthesis and anti-HIV-1 activities of new pyrimido [5,4-b]indoles", Il Farmaco 54 (1999) 255- 264									
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy this form with next communication to applicant.